

PATENT APPLICATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed herewith for filing is the following utility patent application that claims priority to U.S. Provisional Application, Serial No. 60/514,993, filed October 28, 2003.

Applicant(s): **Steven C. Shannon**
Dennis S. Grimard
Theodoros Panagopoulos
Daniel J. Hoffman
Michael G. Chafin
Troy S. Detrick
Alexander Paterson
Jingbao Liu
Taeho Shin
Bryan Y. Pu

Title of application: **PLASMA CONTROL USING DUAL CATHODE
FREQUENCY MIXING**

Pages of specification: 16 (4 pages of claims and 1 page
Abstract)

Sheets of drawings: 5

Executed on: APRIL 12, 2004 Docket No.: 8756/ETCH/DICP

PATENT APPLICATION FILING FEE CALCULATION

	<u>No. Filed</u>	<u>Less</u>	<u>Rate/Claim</u>	<u>Fee</u>
Total Claims	32	-20	12 x \$18.00	\$ 216.00
Independent Claims	2	-3	0 x \$86.00	\$ 0.00

Minimum Filing Fee \$

Multiple Dependency Fee
(if applicable - \$230.00) \$

50% Reduction for Small Entity
(Independent Inventor, Non-profit
Corporation, or Small Business
Concern) - appropriate
verified statement attached \$

Assignment Recordation Fee

\$ 40.00

TOTAL FILING FEE

\$1,026.00

Kindly charge the entire and/or any additional filing fee, as appropriate, to Deposit Account No. 50-1074. To facilitate that charge, a duplicate copy of this letter is enclosed herewith.

Kindly send all correspondence relating to this application to the following address:

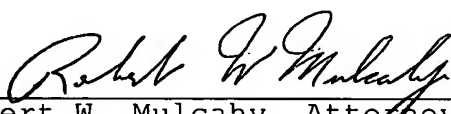
Patent Counsel
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052

Also enclosed herewith for filing in connection with the enclosed application are:

- X Declaration;
- X An assignment of the application to:
Applied Materials, Inc.
- X Claim(s) to priority - U.S. Provisional Application

<u>Serial Number</u>	<u>Filing date</u>
60/514,993	October 28, 2003
- X 5 sheets of formal drawings.

Respectfully submitted,



Robert W. Mulcahy, Attorney
Reg. No. 25,436

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EV341109500 US
Date of deposit: APRIL 12, 2004

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Emma Koh

Name of person mailing paper or fee